

CLAIMS

1-19. (Canceled)

20. (Original) A lighting structure for a human powered vehicle comprising a wheel having a translucent tire with an inside coated with a photo-luminescent material, said tire being inflated with a low-grade radioactive gas that reacts with said photo-luminescent material to cause it to glow.
21. (New) A safety lighting structure for a vehicle having a frame and at least one attached wheel, the wheel having a tire including sidewalls, comprising:
  - at least one photo-luminescent section located on said wheel;
  - at least one reflective section located on said wheel proximate to, and generally visually concentric with respect to, said photo-luminescent section when the wheel is viewed from the side;
  - a light emitting diode light source connected to said human powered vehicle frame to direct UV light against said photo-luminescent section as said at least one wheel rotates.
22. (New) The safety lighting structure of claim 21 wherein said at least one photo-luminescent section and said at least one reflective section are located on the tire sidewall.
23. (New) The safety lighting structure of claim 21 wherein said photo-luminescent section comprises a phosphorescent compound comprising zinc sulfide mixed with an epoxy binder.
24. (New) The safety lighting structure of claim 21 wherein said photo-luminescent section comprises a photo-luminescent material molded into said tire.
25. (New) The safety lighting structure of claim 21 wherein said at least one reflective section comprises a reflective sticker.

26. (New) The safety lighting structure of claim 21 wherein said photo-luminescent section and said reflective section form visually concentric rings in side view when said tire rotates.
27. (New) A safety lighting structure for a human powered vehicle having a frame and at least one attached wheel, the wheel having a tire including sidewalls, comprising:
  - a plurality of photo-luminescent sections located on the wheel;
  - a plurality of reflective sections located on said wheel and disposed between adjacent photo-luminescent sections;
  - a light emitting diode light source connected to said human powered vehicle frame to direct UV light against said photo-luminescent sections as said at least one wheel rotates.
28. (New) The safety lighting structure of claim 27 wherein said photo-luminescent sections and said reflective sections are located on the tire sidewall.
29. (New) The safety lighting structure of claim 27 wherein said photo-luminescent section comprises a phosphorescent compound comprising zinc sulfide mixed with an epoxy binder.
30. (New) The safety lighting structure of claim 27 wherein said photo-luminescent section comprises a photo-luminescent material molded into said tire.
31. (New) The safety lighting structure of claim 27 wherein said reflective sections comprises reflective stickers.